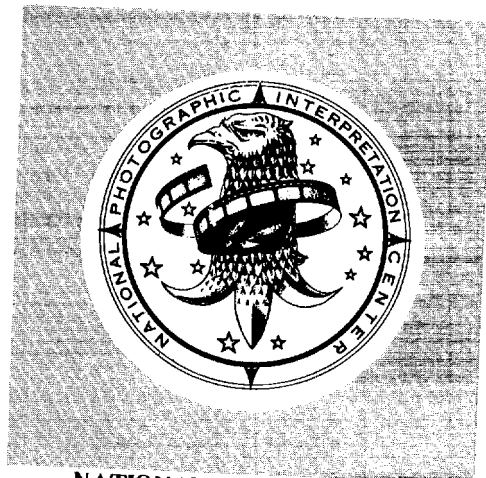


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**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

ANNOUNCEMENT FOR USERS OF THE BOLT COMPUTER PROGRAM

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NPIC/R-34/73
NOVEMBER 1973

ANNOUNCEMENT FOR USERS OF THE
BOLT COMPUTER PROGRAM

November 1973

RESCINDS THE USER'S MANUAL FOR THE RFTLISTER PROGRAM

ANNOUNCEMENT FOR USERS OF
THE BQLT COMPUTER PROGRAM

SUMMARY

The BQLT Program has been improved and can now answer queries more rapidly than in the past---especially when the computer system is very busy. In addition, you will be notified immediately about mistakes in how you state your query.

BQLT now examines your query and checks it for errors immediately after it has been transmitted. If there are no errors, BQLT determines whether it can or cannot be answered quickly. If it can be answered quickly, it will be answered by the BQLS Program. Otherwise, it will be answered by the BQLL Program. BQLS or BQLL will automatically be called and run by BQLT.

These changes will not affect the way in which you transmit queries and receive answers.

FASTER ERROR MESSAGES

If BQLT finds a mistake in the format or structure of your query, you will receive an error message at once. It will be printed immediately after you receive the receipt for the BQLT Program. At that time all processing of your query will stop.

To make such error messages clearer, they will now be printed in this standardized format:

ERROR ENCOUNTERED ON QUERY LINE NO. NN.
[Nature of error is printed here.]

QUERY IS OK UP TO THIS POINT:
[Correct lines up to first error are printed.]

For example,

ERROR ENCOUNTERED ON QUERY LINE NO. 03.
WHN IS NOT A VALID BQL STATEMENT

QUERY IS OK UP TO THIS POINT:

FOR FILE IDF;
REPORT IREAD ON 012;

FASTER ANSWERS

All queries can now be answered more rapidly than before. The improved service will be especially apparent when you transmit certain kinds of queries---even though the computer system is very busy. These include

*Queries of the IDF and EPF that base record selection on one or more machine reference numbers; for example,

FOR FILE IDF;
REPORT IREAD ON 012;
WHEN IHEAD,XPRI,XPTG EQ A;
OR IHEAD,XPRI,XPSR EQ A;
AND IHEAD,MRN\$ EQ 90,100,500/600.

*Queries of the IDF that base record selection on the location of a target or on the index terms BE\$\$, COMI, and NPIC.

Immediately after receiving queries such as these, BOLT deter-

mines that they can be answered quickly. BOLT then automatically calls and runs the BOLS Program. That program answers the queries.

FASTER SERVICE FOR THESE KINDS OF QUERIES ELIMINATES THE NEED FOR THE RFTLISTER PROGRAM, WHICH IS NO LONGER AVAILABLE. PLEASE DESTROY YOUR COPIES OF THE USER'S MANUAL FOR RFTLISTER.

MESSAGES FOR QUERIES THAT
CAN BE ANSWERED QUICKLY

If there are no mistakes in your query, you will receive a series of teletype messages like those listed below. These messages are printed only when a query can be answered quickly. They are listed in the order in which they are usually printed.

STATINTL

BOLT S31, [REDACTED] SMT=0944+ 494P JOB
JNR=2111212254 PRI=1 PTS=0 MCQ=3 X

STATINTL

2111212254 BOLT S31, [REDACTED] 166 NOV. 8,73 0945+

YOUR QUERY WILL BE ANSWERED SHORTLY
AND HAS BEEN SENT TO BOLS.

BOLS S31 212254 SMT=0945+ 494P JOB
JNR=2011212256 PRI=0 PTS=0 MCQ=2 X

2011212256 BOLS S31 212254 166 NOV. 8,73 0946

STATINTL

ATTENTION: S31, [REDACTED]
YOUR QUERY IS BEING ANSWERED

RPGH S31 212256 SMT=0946+ 494P JOB
JNR=2311212321 PRI=3 PTS=0 MCQ=2 X
[RPGH is a program that formats your output.
Message is not printed if answer is a total count.]

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SPRINT S31 212321 SMT=0946+ 494P JOB
JNR=2411212376 PRI=4 PTS=0 MCQ=2
[SPRINT is a program that prints your output.
Message is not printed if answer is a total count.]

MESSAGES FOR ALL
OTHER QUERIES

If there are no mistakes in your query, you will receive a series of teletype messages like those listed below. These messages are printed if a query cannot be answered quickly. They are listed in the order in which they are usually printed.

STATINTL BQLT S31, [REDACTED] SMT=0944+ 494P JOB
JNR=2111212254 PRI=1 PTS=0 MCQ=3 X

STATINTL 2111212254 BQLT S31, [REDACTED] 166 NOV. 8,73 0945+
YOUR QUERY WILL BE ANSWERED
AND HAS BEEN SENT TO BQLL

BQLL S31 212254 SMT=0945+ 494P JOB
JNR=2011212256 PRI=0 PTS=0 MCQ=2 X

STATINTL 2011212256 BQLL S31 212254 166 NOV 8,73 0946
ATTENTION: S31, [REDACTED]
YOUR QUERY IS BEING ANSWERED

RPGT S31 212256 SMT=0946+ 494P JOB
JNR=2311212321 PRI=3 PTS=0 MCQ=2 X
[RPGT is a program that formats your output.
Message is not printed if answer is a total count.]

SPRINT S31 212321 SMT=0946+ 494P JOB
JNR=2411212376 PRI=4 PTS=0 MCQ=2
[SPRINT is a program that prints your output.
Message is not printed if answer is a total count.]

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CHANGE IN KEYPUNCHING
QUERIES

There is only one change in keypunching instructions. Continue to punch each statement in your query in a separate card. But if the statement requires a second card, begin punching the overrun in column 1---not in column 6 as you have been doing.

WHERE TO GET MORE
INFORMATION

If you would like more information about BOLT, please contact the Chief, Information Systems Branch, Automated Information Division on extension 3313.

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